

ACYLATED BETULIN AND DIHYDROBETULIN DERIVATIVES,  
PREPARATION THEREOF AND USE THEREOF

ABSTRACT

Betulin and dihydrobetulin acyl derivatives according to the present invention have been found to have potent anti-HIV activity. The compounds of the present invention have Formula I as described herein, or pharmaceutically acceptable salts thereof; wherein  $R_1$  is a  $C_2$ - $C_{20}$  substituted or unsubstituted carboxyacyl,  $R_2$  is hydrogen, chloro, bromo, or hydroxy,  $R_4$  is hydrogen or  $C(C_6H_5)_3$ ; wherein the dashed line represents an optional double bond between C20 and C29.